ORDERING AND LICENSING GUIDE FOR MAG SERIES JUNOS PULSE GATEWAYS

The Juniper Networks® MAG Series Junos Pulse Gateways work in concert with the Junos Pulse client to meet the secure remote access, LAN access, and application acceleration needs of enterprises from small to large. The three key services offered with the MAG Series are Junos Pulse Secure Access Service, Junos Pulse Access Control Service, and Junos Pulse Application Acceleration Service.

Junos Pulse Secure Access Service is a simple, intuitive service that provides secure, authenticated access via SSL VPN for remote and mobile users from any web-enabled device to corporate resources—anytime, anywhere.

Junos Pulse Access Control Service provides network access control (NAC) services across the enterprise, delivering a standards-based, comprehensive, network and application access control solution.

Junos Pulse Application Acceleration Service provides speedy, role-based application acceleration to remote and mobile Windows users.

SALES TIP: Ensure that common access licenses are evenly distributed prior to enabling clustering. Each service module in a MAG6610 or MAG6611 chassis must have licenses installed (no leasing of licenses within the chassis is allowed without adding the enterprise licensing option). Service modules also need to follow the new cluster licensing feature requirements, as first implemented in SA Series version 7.0 software.

There are several components to every MAG Series Junos® Pulse Gateways purchase. This guide explains every component and how to order each MAG Series gateway, complete with all necessary licenses and some services options.

Section I explains the different types of licenses available on the MAG Series platform. It also covers clustering (high availability) and licensing vs. surrendering license options.

Section II describes the availability of each type of license for each platform, explains any special information relevant to software or hardware ordering for that particular platform, and includes a complete listing of SKUs by product.

Section III provides several example configurations of the MAG Series models.

Section I: License Types and Explanations

Common Access License (Concurrent User License, Required for SSL VPN or UAC modes)

With the MAG Series Junos Pulse Gateways, common access licenses are available as user licenses. With common access licensing, the licenses can either be used for SSL VPN user sessions or Unified Access Control (UAC) user sessions.

The common access user licenses allow remote users to actually gain access to the network. These licenses are for user access on all models. They enable customers to support as many users as specified in the license, and user licenses are additive. For example, if you sell a 100 user license and then sell another 100 user license for the same machine, that customer would have 200 concurrent users available for use on that machine.

Junos Pulse Application Acceleration License

The Junos Pulse Application Acceleration license enables application acceleration for remote users. The Junos Pulse Application Acceleration license is offered in a concurrent user model. Currently, it supports six license options. Up to 25, 50, 100, 250, 500, or 1,000 concurrent user options are available for application acceleration service capability on the MAG Series. Also, there is a limit to the maximum number of Junos Pulse Application Acceleration licenses that may be supported on certain MAG Series models listed below:

- A single MAG4611 Junos Pulse Gateway will support application acceleration for up to 250 concurrent users.
- The MAG-SM161 service module (for the MAG6610 or MAG6611 Junos Pulse Gateway chassis) will support application acceleration for up to 250 concurrent users.
- The MAG-SM361 service module (for the MAG6610 or MAG6611 chassis) will support application acceleration for up to 1,000 concurrent users.

High Availability Clustering Capability (No Additional License Required)

Customers have the ability to build clusters without buying any additional licenses.

The clustering method can be explained in two simple steps:

1) Simply place an equal number of user ("-ADD") licenses on each box.
2) When they are joined together to form a cluster, all of the user licenses add up so that the cluster can now support all of the licensed users. For example, building a 1,000-user cluster is done by bringing together two boxes with 500 user licenses in each of the two units.

Clustering features stateful peering and failover across the LAN so in the unlikely event that one unit fails, system configurations (such as authentication server, authorization groups, and bookmarks), user profile settings (such as user defined bookmarks and cookies), and user sessions are preserved. Failover is seamless, so there is no interruption to user/enterprise productivity, no need for users to log in again, and no downtime.

Here are the clustering options for the MAG Series.

1) MAG2600 can be clustered in a pair.
2) MAG4610 can be clustered in a pair.
3) For MAG6610, you can cluster two service modules in a pair (assuming any two service modules are installed in the chassis, either the MAG-SM160 or MAG-SM360).
4) For MAG6611, you can cluster two service modules in a pair, either using the MAG-SM160 or MAG-SM360. To cluster three or four service modules will require the MAG-SM360 service modules in the chassis.

Please note that WAN clustering is not supported on the MAG Series. Multisite clustering is supported, however, provided the sites are on a campus network with LAN-like connectivity.

Clustering Rules with Regards to Licenses

1) When MAG Series gateways are clustered, you can spread the following licenses evenly across all nodes (to prevent disruptions in service in the event of a node failure):
   - ADD (Concurrent user license)
   - EES (Enhanced Endpoint Security license)
   - RDP (Premier Java RDP license)
   - PRM (Patch Remediation license)
   - MTG (Secure Meeting license; these new meeting licenses for MAG Series are stackable and inherently more flexible)
   - OAC license
2) Single feature licenses that can be shared across all nodes.
   - RADIUS license
   - IF-MAP license
   - SOH license
3) When gateways are clustered, these licenses must be on every node in the cluster (if used).
   - MBR (Member license)
   - ICE (In Case of Emergency license)
   - ACCESS-ICE-25PC (25% burst license)
4) This license cannot be clustered:
   - SVR (License server license)

Feature Licenses (Optional)

Feature licenses enable functionality not available with the standard common access licenses alone.

Secure Meeting (Note that this is different than previous Secure Meeting licensing models.)—The Secure Meeting license enables Secure Meeting functionality for online collaboration on a single MAG Series gateway or cluster, allowing your customers to conduct secure online meetings using their MAG Series gateway. For the MAG Series, Secure Meeting is licensed through a concurrent user model. Secure Meeting supports four license options on the MAG Series, and up to 25, 50, 100, or 250 concurrent "meeting" users options are offered. Please note that the "meeting" user count is separate from the concurrent SSL VPN users count on the MAG Series. Also, there is a limit to the maximum number of licenses that can be supported on certain MAG Series models.

- A single MAG2600 will support up to 50 concurrent meeting users.
- A single MAG4610 will support up to 100 concurrent meeting users.
- The MAG-SM160 service module (for MAG6610 or MAG6611 chassis) will support up to 100 concurrent meeting users.
- The MAG-SM360 service module (for MAG6610 or MAG6611 chassis) will support up to 250 concurrent meeting users.

The Secure Meeting licenses are additive up to the maximum limit supported on a given platform. For example, on a single MAG2600, the customer can start with a 25-user license and then add another 25 users to support up to 50 concurrent meeting users (maximum limit) on that platform.

Regarding clustering with Secure Meeting, the maximum user count across any platform cluster cannot exceed twice the total meeting count supported on that platform. For example, on the MAG-SM360 service module (for either MAG6610 or MAG6611 chassis) when clustered, there will be support for a maximum of 500 meeting users in the cluster.

A common point of confusion is the difference between a Secure Meeting user and a standard logged-in user. Which users count against which limit? For those users who are logged into the MAG Series gateway (using their username/password) and also in a meeting, those users will count against both the concurrent user license limit and against the Secure Meeting license limit. Those users who join only a Secure Meeting using the meeting password, but do not fully log into the MAG Series gateway, will count against the Secure Meeting license limit only. For more information, see the Secure Meeting Datasheet at **www.juniper.net/us/en/local/pdf/datasheets/1000164-en.pdf**.

In Case of Emergency (ICE)—The ICE license enables temporary bursting capabilities for emergency situations in which a large number of employees must log in for a short period of time, such as in the event of a snowstorm or a virus outbreak like the H1N1 virus (swine flu). For the MAG Series, the ICE licenses come in two forms:

1) Full ICE (following the same design as prior releases such as the Juniper Networks SA Series SSL VPN Appliances ICE license option)
2) A new 25% burst license (allows bursting of up to 25% of the installed license count on any given MAG Series gateway)

With the full ICE option, for example, a customer with a MAG4610 licensed for 100 concurrent users can add the MAGX600-ICE license. When applied and enabled, that ICE license will give the customer 1,000 concurrent users on that device. With the 25% burst license option, for example, if the customer has a MAG-SM360 module (regardless of whether it is in a MAG6610 or MAG6611 chassis), with a 1,000 user license, the 25% burst license option will provide support for an additional 250 users during an unplanned event. When ICE is applied but not enabled, the features cannot be used on that device unless the corresponding permanent feature license has been enabled on that device. ICE licenses can be applied and used on machines regardless of whether a concurrent user license has been added to that machine. Note that ICE 25% licenses will only work with perpetual licenses installed directly on the appliance, rather than licenses that have been leased from the license server. For more information, see the ICE Datasheet at **www.juniper.net/us/en/local/pdf/datasheets/1000171-en.pdf**.

IF-MAP License—Leveraging the Trusted Network Connect (TNC) Interface to Metadata Access Point (IF-MAP) specification, a MAG Series with the Juniper Networks Junos Pulse Access Control Service (as a standalone or in a cluster) can operate solely as a MAP server with no additional concurrent user licenses. In this mode, the MAG Series with the Junos Pulse Access Control Service (as a standalone or in a cluster as MAP servers) must have a MAP server license installed. Mixed MAG Series and MAP server mode is defined as any MAG Series gateway with the Junos Pulse Access Control Service that simultaneously acts as both a MAG Series gateway with the Junos Pulse Access Control Service and as a MAP server, where a concurrent user license has been installed. In this case, the MAP Server license is not required on that MAG Series gateway (or gateway cluster).

RADIUS License—License enables organizations that wish to deploy a RADIUS appliance access to only the authentication, authorization, and accounting (AAA)/RADIUS features of the Junos Pulse Access Control Service-enabled MAG Series gateways, while introducing the organization to the MAG Series gateways and the Junos Pulse Access Control Service, as well as allowing the organization to upgrade to a full featured Junos Pulse Access Control Service license at a future date.

Enterprise Licensing—Enterprise licensing allows any organization with one or more devices to easily lease user licenses from one appliance to another, as required, to adapt to changing organizational needs. The centralized licenses can be either perpetual or subscription, with the latter being the more flexible and overall valuable option. Any of the MAG Series models can be used as a license server. You can do this by applying the ACCESS-LICENSE-SVR license to a MAG2600, MAG4610, or a service module (MAG-SM160 or MAG-SM360) on the MAG6610 or MAG6611. Ideally, making the MAG2600 as the license server would be the most cost-effective option. Once this license is applied, the MAG Series gateway will cease to accept client VPN connections and it will be a dedicated license server. Then you will need to add the appropriate membership license to other gateways so that it can communicate with the license server. For example, MAG4610-LICENSE-MBR installed on each of two MAG4610 gateways would allow their licenses to be leasable back and forth. Please refer to the Enterprise Licensing FAQ for more information.

Optional Subscription Feature Licenses

Enhanced Endpoint Security—The Enhanced Endpoint Security license provides a full featured, dynamically deployable antispyware/antimalware module that is an OEM of Webroot's industry-leading Spy Sweeper product. With this new capability, organizations can ensure that unmanaged and managed Microsoft Windows endpoint devices conform to corporate security policies before they are allowed to access the network, applications, and resources. For example, potentially harmful keyloggers can be found and removed from an endpoint device before users enter sensitive information such as their user credentials. The Enhanced Endpoint Security license

protects endpoints from infection in real time and ensures that only clean endpoints are granted network access. Please note that customers who may have been running the free 25 user count of Advanced Endpoint Defense (AED) license will only get two users for free with the Enhanced Endpoint Security license. This free amount is meant for testing purposes only and not intended for use in production. The Enhanced Endpoint Security licenses for the MAG Series are available in 1-year, 2-year, and 3-year subscription options and can be used with any MAG Series model. For more information, see the Enhanced Endpoint Security Datasheet at **www.juniper.net/us/en/local/pdf/datasheets/1000293-en.pdf.**

Premier Java RDP Applet—The Premier Java RDP Applet license provides companies with a platform independent, Java-based solution for accessing Microsoft Windows Terminal Servers. It makes business critical data in Windows-based applications available to all remote users, regardless of the type of hardware or OS they are using. With the Premier Java RDP Applet option, central installation and administration are available through Java technology. When used in combination with the Premier RDP Applet option, the Java Windows Terminal provides one of the most convenient terminal server access experiences. The Premier Java RDP Applet licenses for the MAG Series are available in 1-year, 2-year, and 3-year subscription options.

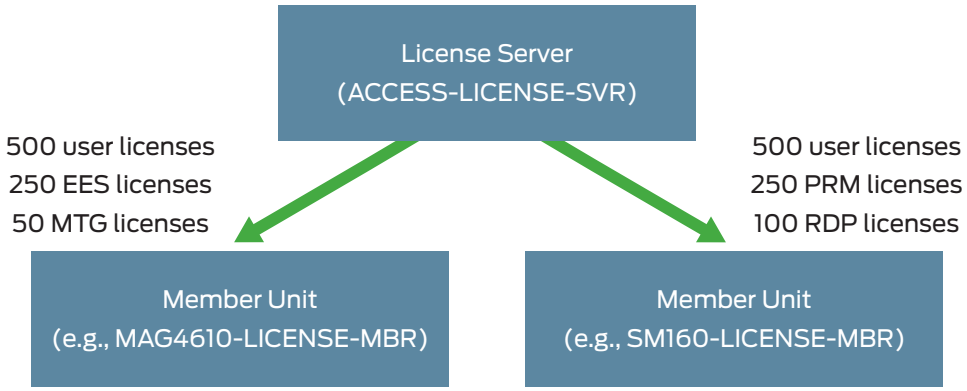
For more information, see the Premier Java RDP Applet Datasheet at **www.juniper.net/us/en/local/pdf/datasheets/1000321-en.pdf**.

Patch Remediation—The patch remediation license automatically remediates noncompliant endpoints by updating software applications that do not comply to corporate security policies. It does not require Microsoft's Systems Management Server (SMS) protocol for remediation and covers patches for Microsoft and other vendors such as Adobe, Firefox, Apache, Real Player, and others. It directly downloads missing patches from vendors' websites without going through the MAG Series appliances. Patch remediation is available for the MAG Series in 1-year, 2-year, and 3-year subscription options. For more information, see the Patch Remediation Datasheet at **www.juniper.net/us/en/local/pdf/datasheets/1000384-en.pdf**.

Licenses That Can Be Leased vs. Surrendered

Leasing is separate from surrendering. Surrendered licenses can always be leased, but leased license can't always be surrendered.

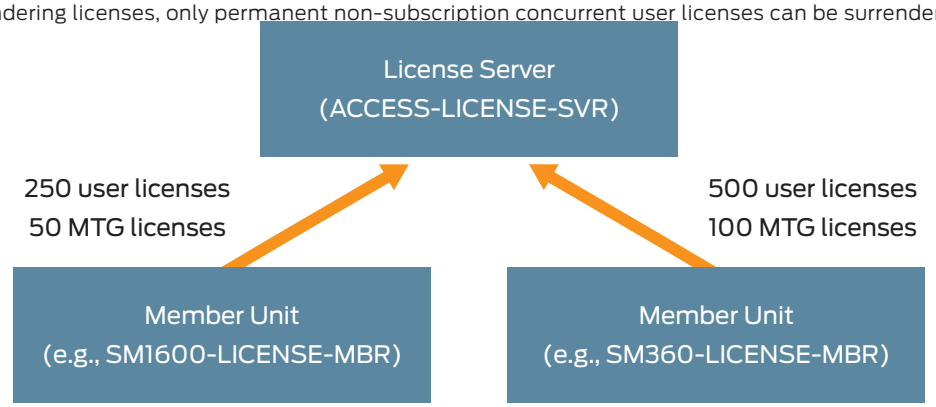
The following licenses are capable of being leased:



- Concurrent Users
- Patch Remediation
- EES
- RDP
- MTG

The diagram below depicts an example of licenses that can be leased from a license server to two member units.

With regards to surrendering licenses, only permanent non-subscription concurrent user licenses can be surrendered. No subscription



licenses can be surrendered from any appliance. Any license that has a duration cannot be surrendered, e.g., ACCESS subscription.

- ADD
- MTG

These licenses can't be surrendered: ICE, MTG, EES, PRM, RDP.

This diagram shows an example of licenses being surrendered by two member units to the license server.

Accessories and Upgrades for the Hardware Models

Rack Mount Kits—There are rack mount kits that can be ordered for the MAG Series models. The MAG4610, MAG4611, MAG6610, and MAG6611 gateways already ship with rack mount kits, but spare ones are available for order.

Power Cords—These are available in several country versions, per the pricelist (USA, UK, EU, AU, CH, CN, IT, KR). The MAG Series gateways will ship with the appropriate power cord based on the ship-to address.

Hard Drives—There are field replaceable spare hard drives for the MAG-SM360 and MAG-SM361 service modules. These drives can be used to replace failed drives and are hot-swappable. The MAG-SM160 and MAG-SM161 ships with one hard drive (RAID not supported), and the MAG-SM360 and MAG-SM361 ships with two hard drives (RAID 1 supported).

Power Supplies—There are spare AC power supplies available for the MAG2600, MAG6610, and MAG6611. An additional AC power supply can be installed on the MAG6611 for redundancy or used as a spare. There is also a DC power supply option available for the MAG6610 and MAG6611

Services

There are many service offerings, but we will only focus on the most common option which is next day RMA replacement. Please keep in mind that there are other options, including Core (COR), Core Plus (CP), Next Day Onsite (NDCE), Same Day Onsite (SDCE), and Same Day (ND). In Section II, each platform will have the appropriate next day RMA replacement SKUs that can be purchased.

Deprecated SSL VPN Features

There are certain outdated SSL VPN features previously found in the SA Series platform that will no longer be supported on the new MAG Series platform. Here is the list of deprecated SSL VPN features not found in the MAG Series:

1) Instant Virtual System (IVS)—Customers looking for a virtualized SSL VPN solution are instead encouraged to move to the SSL VPN virtual appliances platform.
2) WAN Clustering—Multisite clustering support is limited to campus networks, where the connectivity is on par with a LAN experience.
3) Gzip Compression—This obsolete compression feature is no longer available on the MAG Series.
4) Email Proxy—This does not apply to ActiveSync, but rather to the legacy SMTP offering. Customers using this option will need to continue to use the SA Series hardware to support this feature.
5) Multicast/Broadcast for Cluster Communications—This is not needed with the cluster protocol as it exists today.

Section II: Availability by Platform

MAG2600 Junos Pulse Gateway

The MAG2600 Junos Pulse Gateway is designed to enable SSL VPN or guest access capabilities for small and medium enterprises.

SALES TIP: All MAG Series models include Junos Pulse, a dynamic, integrated, multiservice network client for mobile and non-mobile devices. For more details on Junos Pulse, please visit **www.juniper.net/us/en/products-services/software/junos-platform/junos-pulse**.

The MAG2600 offers the following:

- Fixed configuration hardware appliance
  - Can be used for SSL VPN or enterprise guest access capabilities
- Supports up to 100 SSL VPN users or 200 guest users
- Small form-factor design (1 U high)
  - Rack-mountable or can be placed on a desk
- SSL VPN mode includes Junos Pulse Secure Access Service (SA 7.1 or higher software features)
- Guest access mode includes all enterprise guest access features (must order Enterprise Guest Access licenseMAGX600-GUEST-ACCESS)
- Equivalent to Juniper Networks SA700 SSL VPN Appliance and SA2500 SSL VPN Appliance

Please note that the common access license options for the MAG2600 can only be used for SSL VPN mode. Enterprise guest access capability will require the specific enterprise guest access license (MAGX600-GUEST-ACCESS) to be enabled on the MAG2600.

Each MAG2600 will ship with a power supply and power cord for the appropriate region (based on the ship-to address). A spare rack mount kit is available to place four MAG2600 units side-by-side in a rack.

License Availability:

MAG2600 GATEWAY	
Common Access License	Up to 100 user license for SSL VPN mode only
Guest Access	200 guest user license (MAGX600-GUEST-ACCESS) for guest access mode only
Secure Meeting	Available (up to 50 meeting users)
ICE	Available (full ICE option or 25% burst option)
IF-MAP	Available
RADIUS	Available
Enterprise Licensing	Available
Enhanced Endpoint Security	Available
Premier Java RDP Applet	Available
Patch Remediation	Available

Platform SKUs

SKU	DESCRIPTION
MAG2600	MAG2600 Base System
MAG2600 Common Access Licenses	
ACCESSX600-ADD-10U	Add 10 simultaneous users to MAG2600 (for SSL VPN only)
ACCESSX600-ADD-25U	Add 25 simultaneous users to MAG2600 (for SSL VPN only)
ACCESSX600-ADD-50U	Add 50 simultaneous users to MAG2600 (for SSL VPN only)
ACCESSX600-ADD-100U	Add 100 simultaneous users to MAG2600 (for SSL VPN only)
MAGX600-GUEST-ACCESS	Guest Access License for MAG2600 (for Enterprise Guest Access only)

SKU	DESCRIPTION
MAG2600 Feature Licenses	
ACCESSX600-MTG-25U	Add 25 simultaneous Secure Meeting users to X600 Series Appliances
ACCESSX600-MTG-50U	Add 50 simultaneous Secure Meeting users to X600 Series Appliances
ACCESS-ICE-25PC	In Case of Emergency (ICE) 25%—Burst to 25% of installed license count on X500 or X600 Series Appliances
MAGX600-ICE	In Case of Emergency (ICE) license for X600 Series Appliances
MAGX600-IFMAP	License for IF-MAP server on standalone X600 Series Appliances
MAGX600-RADIUS-SERVER	Add RADIUS server feature to X600 Series Appliances
ACCESS-LICENSE-SVR	Enables appliance as a license server
MAG2600-LICENSE-MBR	Allows MAG2600 appliance to participate in leased licensing
Optional Subscription Feature Licenses (asterisks noted on these since there are various user and yearly subscription options)	
ACCESS-PRM-*U-*YR	Patch remediation management for * users for * years
ACCESS-RDP-*U-*YR	RDP Java Applet for * users for * years
ACCESS-EES-*U-*YR	Enhanced Endpoint Security for * users for * years
MAG2600 Accessories	
CBL-SPR-PWR-2PRONG-AU	MAG-PS260 Power Cable, Spare, Australia
CBL-SPR-PWR-2PRONG-CH	MAG-PS260 Power Cable, Spare, Switzerland
CBL-SPR-PWR-2PRONG-CN	MAG-PS260 Power Cable, Spare, China
CBL-SPR-PWR-2PRONG-EU	MAG-PS260 Power Cable, Spare, EU
CBL-SPR-PWR-2PRONG-IT	MAG-PS260 Power Cable, Spare, Italy
CBL-SPR-PWR-2PRONG-KR	MAG-PS260 Power Cable, Spare, Korea
CBL-SPR-PWR-2PRONG-UK	MAG-PS260 Power Cable, Spare, UK
CBL-SPR-PWR-2PRONG-US	MAG-PS260 Power Cable, Spare, US
MAG-PS260	Spare/replacement external “brick” power supply for MAG2600
BOX-MAG26XX	Shipping container (spare) for MAG2600
MAG-RK1U4	Rack kit to place four MAG2600 gateways side-by-side in a rack
MAG2600 Next Day Replacement Service Options	
SVC-ND-MAG2600-S	MAG2600 support for 1-10 users (SKU also used when MAG2600 is acting as a license server)
SVC-ND-MAG2600-L	MAG2600 support for 11-50 users
SVC-ND-MAG2600-M	MAG2600 support for 51-99 users
SVC-ND-MAG2600-H	MAG2600 support for 100 users
SVC-COR-MAG2600-GA	MAG2600 support for Guest Access

MAG4610 Junos Pulse Gateway

The MAG4610 Junos Pulse Gateway is designed to enable SSL VPN or UAC capabilities for medium to large sized enterprises.

SALES TIP: Always position MAG Series over the legacy SA Series and IC Series UAC platforms. The older platforms are quickly nearing the end of their usable life and do not match up to the flexibility and future-proof levels of the MAG Series gateways.

The MAG4610 offers the following:

- Fixed configuration hardware appliance
  - Can be used for SSL VPN or UAC capabilities
  - Supports up to 1,000 SSL VPN users or 5,000 UAC users
  - 1 U, one-half width (may be deployed side-by-side in 1 U rack space) for two node cluster
- SSL VPN mode includes Junos Pulse Secure Access Service (SA 7.1 or higher software features)
- UAC mode includes Junos Pulse Access Control Service (UAC 4.1 or higher software features)

It is important to note that the common access license can be transferred between SSL VPN mode and UAC mode or vice versa on the MAG4610. For example, customers can use a 5,000 user license for SSL VPN and then later reapply the same license when a customer wants to enable UAC mode.

Each MAG4610 will ship with power cord for the appropriate region (based on the ship-to address) and will also ship with single rack configuration kit.

License Availability:

MAG4610 GATEWAY	
Common Access License	Up to 1,000 user license for SSL VPN mode or up to 5,000 user license for UAC mode
Secure Meeting	Available for up to 100 meeting users
ICE	Available (full ICE option or 25% burst option)
IF-MAP	Available
RADIUS	Available
Enterprise Licensing	Available
Enhanced Endpoint Security	Available
Premier Java RDP Applet	Available
Patch Remediation	Available

Platform SKUs

SKU	DESCRIPTION
MAG4610 Base System	
MAG4610	MAG4610 Base System
MAG4610 Common Access Licenses	
ACCESSX600-ADD-10U	Add 10 simultaneous users to MAG4610
ACCESSX600-ADD-25U	Add 25 simultaneous users to MAG4610
ACCESSX600-ADD-50U	Add 50 simultaneous users to MAG4610
ACCESSX600-ADD-100U	Add 100 simultaneous users to MAG4610
ACCESSX600-ADD-250U	Add 250 simultaneous users to MAG4610
ACCESSX600-ADD-500U	Add 500 simultaneous users to MAG4610
ACCESSX600-ADD-1000U	Add 1,000 simultaneous users to MAG4610 (SSL VPN mode upper limit)
ACCESSX600-ADD-2000U	Add 2,000 simultaneous users to MAG4610 (can be enabled for UAC mode)
ACCESSX600-ADD-2500U	Add 2,500 simultaneous users to MAG4610 (can be enabled for UAC mode)
ACCESSX600-ADD-5000U	Add 5,000 simultaneous users to MAG4610 (can be enabled for UAC mode)

SKU	DESCRIPTION
MAG4610 Feature Licenses	
ACCESSX600-MTG-25U	Add 25 simultaneous Secure Meeting users to X600 Series Appliances
ACCESSX600-MTG-50U	Add 50 simultaneous Secure Meeting users to X600 Series Appliances
ACCESSX600-MTG-100U	Add 100 simultaneous Secure Meeting users to X600 Series Appliances
ACCESS-ICE-25PC	In Case of Emergency (ICE) 25%—Burst to 25% of installed license count on X500 or X600 Series Appliances
MAGX600-ICE	In Case of Emergency (ICE) license for X600 Series Appliances
MAGX600-IFMAP	License for IF-MAP server on standalone X600 Series Appliances
MAGX600-RADIUS-SERVER	Add RADIUS server feature to X600 Series Appliances
ACCESS-LICENSE-SVR	Enables appliance as a license server
MAG4610-LICENSE-MBR	Allows MAG4610 appliance to participate in leased licensing
Subscription Licenses (asterisks noted on these since there are various user and yearly subscription options—see pricelist for specific SKUs)	
ACCESS-PRM-*U-*YR	Patch Remediation Management for * users for * years
ACCESS-RDP-*U-*YR	RDP Java Applet for * users for * years
ACCESS-EES-*U-*YR	Enhanced Endpoint Security for * users for * years
MAG4610 Accessories	
CBL-SPR-PWR-2PRONG-AU	MAG-PS260 Power Cable, Spare, Australia
CBL-SPR-PWR-2PRONG-CH	MAG-PS260 Power Cable, Spare, Switzerland
CBL-SPR-PWR-2PRONG-CN	MAG-PS260 Power Cable, Spare, China
CBL-SPR-PWR-2PRONG-EU	MAG-PS260 Power Cable, Spare, EU
CBL-SPR-PWR-2PRONG-IT	MAG-PS260 Power Cable, Spare, Italy
CBL-SPR-PWR-2PRONG-KR	MAG-PS260 Power Cable, Spare, Korea
CBL-SPR-PWR-2PRONG-UK	MAG-PS260 Power Cable, Spare, UK
CBL-SPR-PWR-2PRONG-US	MAG-PS260 Power Cable, Spare, US
MAG-RK1U2	Rack kit to mount 2 MAG46xx units side-by-side in a rack or when included rack kit is lost or damaged. The 1X rack kit that ships with unit is not orderable.
BOX-MAG46XX	Shipping container (spare) for MAG46xx
MAG4610 Next Day Replacement Service Options	
SVC-ND-MAG4610-L	MAG4610 support for 1-100 users
SVC-ND-MAG4610-M	MAG4610 support for 101-250 users
SVC-ND-MAG4610-H	MAG4610 support for 250+ users

MAG4611 Junos Pulse Gateway

The MAG4611 Junos Pulse Gateway is specifically designed to enable application acceleration for medium to large sized enterprises.

- Fixed configuration hardware appliance
  - Used primarily for application acceleration capabilities typically in conjunction with secure remote access
  - Supports application acceleration for up to 250 concurrent users
  - 1 U, one-half width (may be deployed side-by-side in 1 U rack space) for two node cluster
- Application acceleration mode includes Junos Pulse Application Acceleration Service (JWOS 6.2 or higher software features)

Each MAG4611 will ship with power cord for the appropriate region (based on the ship-to address) and will also ship with single rack configuration kit.

Platform SKUs

SKU	DESCRIPTION
MAG4611 Base System	
MAG4611	MAG4611 Base System
MAG4611 Application Acceleration Licenses	
ACCEL-PULSE-25U	Junos Pulse Application Acceleration license for up to 25 concurrent users
ACCEL-PULSE-50U	Junos Pulse Application Acceleration license for up to 50 concurrent users
ACCEL-PULSE-100U	Junos Pulse Application Acceleration license for up to 100 concurrent users
ACCEL-PULSE-250U	Junos Pulse Application Acceleration license for up to 250 concurrent users
MAG4611 Accessories	
CBL-SPR-PWR-2PRONG-AU	MAG-PS260 Power Cable, Spare, Australia
CBL-SPR-PWR-2PRONG-CH	MAG-PS260 Power Cable, Spare, Switzerland
CBL-SPR-PWR-2PRONG-CN	MAG-PS260 Power Cable, Spare, China
CBL-SPR-PWR-2PRONG-EU	MAG-PS260 Power Cable, Spare, EU
CBL-SPR-PWR-2PRONG-IT	MAG-PS260 Power Cable, Spare, Italy
CBL-SPR-PWR-2PRONG-KR	MAG-PS260 Power Cable, Spare, Korea
CBL-SPR-PWR-2PRONG-UK	MAG-PS260 Power Cable, Spare, UK
CBL-SPR-PWR-2PRONG-US	MAG-PS260 Power Cable, Spare, US
MAG-RK1U2	Rack kit to mount 2 MAG46xx units side-by-side in a rack or when included rack kit is lost or damaged. The 1X rack kit that ships with unit is not orderable.
BOX-MAG46XX	Shipping container (spare) for MAG46xx
MAG4611 Next Day Replacement Service Options	
SVC-ND-MAG4611-L	MAG4611 support for 1-100 users
SVC-ND-MAG4611-M	MAG4611 support for 101-250 users

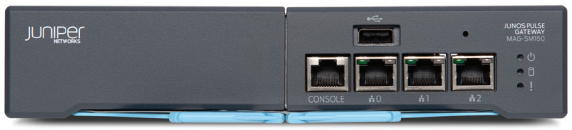
MAG6610 Junos Pulse Gateway

The MAG6610 gateway is designed to enable SSL VPN, UAC, or application acceleration capabilities for scalable, large enterprise customers.

MAG6610 offers the following:

- 1 U high chassis modular configuration
  - Supports up to two service modules (MAG-SM160 or MAG SM360 for SSL VPN or UAC functionality or MAG-SM161 or MAG-SM361 for application acceleration functionality)
  - Maximum support of up to 20,000 SSL VPN or 30,000 UAC users with two MAG-SM360 modules
  - Application acceleration support for up to 2,000 concurrent users with two MAG-SM361 modules
  - Optional management module available (MAG-CM060)
- SSL VPN mode includes Junos Pulse Secure Access Service (SA 7.1 or higher software features)
- UAC mode includes Junos Pulse Access Control Service (UAC 4.1 or higher software features)
- Application acceleration mode includes Junos Pulse Application Acceleration Service (JWOS 6.2 or higher software features)

SALES TIP: When stacking licenses, e.g., adding a 1,000 user license and a 500 user license to give the customer 1,500 concurrent users, always look at the next highest single license option, because it will often be less expensive while providing additional user counts for future growth. In the example given, the single 2,500 concurrent user license is actually significantly less expensive than the 1,000 + 500 concurrent user option.



The MAG-SM160 service module supports up to 1,000 SSL VPN users and up to 5,000 UAC users. The MAG-SM360 service module supports up to 10,000 SSL VPN users and up to 15,000 UAC users. For maximum users on MAG6610, two MAG-SM360 modules will support up to 20,000 SSL VPN or 30,000UAC users. Below are photos of the MAG-SM160 and MAG-SM360 respectively.

The MAG-SM161 service module supports application acceleration for up to 250 concurrent users. The MAG-SM361 service module supports application acceleration for up to 1,000 concurrent users. For maximum application acceleration support on MAG6610, two MAG-SM361 modules will support up to 2,000 users.

The MAG-CM060 management module plugs in front of a dedicated reserved slot in the service module. Up to two MAG-CM060 management modules can be installed in two service modules, but only one can be active. Below is the photo of the MAG-CM060 management module.

It is important to note that the common access license can be transferred between SSL VPN mode and UAC mode on the MAG-SM160 or MAG-SM360. For example, a customer can use a 5,000 user license for SSL VPN on the MAG-SM360 module and then later reapply the same license when the customer wants to enable UAC mode on the MAG-SM360 module.

For the MAG6610, a common access license is required for each MAG-SM160 or MAG-SM360 service module enabled in the chassis.

Here is what is included with the MAG6610 chassis and its service modules:

The MAG6610 chassis includes a power supply (MAG-PS661), an appropriate power cord (based on the ship-to address), and a rack mount kit (MAG-RK1U).

- The MAG-SM160 includes the primary service module for SSL VPN or UAC use, a hard disk (MAG-HD060—only one supported, no RAID), and 2 fan trays (MAG-FT060).
- The MAG-SM360 includes the primary service module for SSL VPN orUAC use, 2 hard disks (MAG-HD060—RAID 1 Mirror), and 2 fan trays (MAG-FT060).
- The MAG-SM161 includes the primary service module for application acceleration use, a hard disk (—only one supported, no RAID), and 2 fan trays (MAG-FT060).
- The MAG-SM361 includes the primary service module for application acceleration use, 2 hard disks (MAG-HD361—RAID 1 Mirror), and 2 fan trays (MAG-FT060).

License Availability:

MAG6610 GATEWAY	
Common Access License	Up to 1,000 user license for SSL VPN mode or up to 5,000 user license for UAC mode on MAG-SM160
	Up to 10,000 user license for SSL VPN mode or up to 15,000 user license for UAC mode on MAG-SM360
Application Acceleration License	Application acceleration support for up to 250 concurrent users on MAG-SM161
	Application acceleration support for up to 1,000 concurrent users on MAG-SM361
Secure Meeting	Available
	Up to 100 meeting users on MAG-SM160
	Up to 250 meeting users on MAG-SM360
ICE	Available (full ICE option or 25% burst option)
IF-MAP	Available
RADIUS	Available
Enterprise Licensing	Available
Enhanced Endpoint Security	Available
Premier Java RDP Applet	Available
Patch Remediation	Available

Platform SKUs

SKU	DESCRIPTION
MAG6610 Base System	
MAG6610	MAG6610 Base System
MAG6610 Modules	
MAG-SM160	Service module for MAG6610 or MAG6611 that supports 1,000 SSL VPN or 5,000 UAC users.
MAG-SM360	Service module for MAG6610 or MAG6611 that supports 10,000 SSL VPN or 15,000 UAC users.
MAG-SM161	Service module for MAG6610 or MAG6611 that provides application acceleration for up to 250 concurrent users
MAG-SM361	Service module for MAG6610 or MAG6611 that provides application acceleration for up to 1,000 concurrent users
MAG-CM060	Management module for MAG6610 or MAG6611 (only orderable with at least one service module, and a maximum of two management modules can be ordered per chassis)
MAG6610 Common Access Licenses	
ACCESSX600-ADD-10U	Add 10 simultaneous users to MAG6610
ACCESSX600-ADD-25U	Add 25 simultaneous users to MAG6610
ACCESSX600-ADD-50U	Add 50 simultaneous users to MAG6610
ACCESSX600-ADD-100U	Add 100 simultaneous users to MAG6610
ACCESSX600-ADD-250U	Add 250 simultaneous users to MAG6610
ACCESSX600-ADD-500U	Add 500 simultaneous users to MAG6610
ACCESSX600-ADD-1000U	Add 1,000 simultaneous users to MAG6610 (upper SSL VPN mode limit with MAG-SM160)
ACCESSX600-ADD-2000U	Add 2,000 simultaneous users to MAG6610
ACCESSX600-ADD-2500U	Add 2,500 simultaneous users to MAG6610
ACCESSX600-ADD-5000U	Add 5,000 simultaneous users to MAG6610 (upper UAC mode limit with MAG-SM160)
ACCESSX600-ADD-7500U	Add 7,500 simultaneous users to MAG6610
ACCESSX600-ADD-10KU	Add 10,000 simultaneous users to MAG6610 (upper SSL VPN mode limit with MAG-SM360)
ACCESSX600-ADD-15KU	Add 15,000 simultaneous users to MAG6610 (upper UAC mode limit with MAG-SM360)
MAG6610 Feature Licenses	
ACCEL-PULSE-25U	Junos Pulse Application Acceleration license for up to 25 concurrent users
ACCEL-PULSE-50U	Junos Pulse Application Acceleration license for up to 50 concurrent users
ACCEL-PULSE-100U	Junos Pulse Application Acceleration license for up to 100 concurrent users
ACCEL-PULSE-250U	Junos Pulse Application Acceleration license for up to 250 concurrent users (upper limit with MAG-SM161)
ACCEL-PULSE-500U	Junos Pulse Application Acceleration license for up to 500 concurrent users
ACCEL-PULSE-1KU	Junos Pulse Application Acceleration license for up to 1,000 concurrent users (upper limit with MAG-SM361)

SKU	DESCRIPTION
MAG6610 Feature Licenses	
ACCESSX600-MTG-25U	Add 25 simultaneous Secure Meeting users to X600 Series Appliances
ACCESSX600-MTG-50U	Add 50 simultaneous Secure Meeting users to X600 Series Appliances
ACCESSX600-MTG-100U	Add 100 simultaneous Secure Meeting users to X600 Series Appliances
ACCESSX600-MTG-250U	Add 250 simultaneous Secure Meeting users to X600 Series Appliances
ACCESS-ICE-25PC	In Case of Emergency (ICE) 25%—Burst to 25% of installed license count on X500 or X600 Series Appliances
MAGX600-ICE	In Case of Emergency (ICE) License for X600 Series Appliances
MAGX600-IFMAP	License for IF-MAP server on standalone X600 Series Appliances
MAGX600-RADIUS-SERVER	Add RADIUS Server Feature to X600 Series Appliances
ACCESS-LICENSE-SVR	Enables appliance as a license server
SM160-LICENSE-MBR	Allows leased licensing for MAG-SM160 module
SM360-LICENSE-MBR	Allows leased licensing for MAG-SM360 module
Subscription Licenses (asterisks noted on these since there are various user and yearly subscription options—see pricelist for specific SKUs)	
ACCESS-PRM-*U-*YR	Patch Remediation Management for * users for * years
ACCESS-RDP-*U-*YR	RDP Java Applet for * users for * years
ACCESS-EES-*U-*YR	Enhanced Endpoint Security for * users for * years
MAG6610 Accessories	
CBL-SPR-PWR-2PRONG-AU	MAG-PS260 Power Cable, Spare, Australia
CBL-SPR-PWR-2PRONG-CH	MAG-PS260 Power Cable, Spare, Switzerland
CBL-SPR-PWR-2PRONG-CN	MAG-PS260 Power Cable, Spare, China
CBL-SPR-PWR-2PRONG-EU	MAG-PS260 Power Cable, Spare, EU
CBL-SPR-PWR-2PRONG-IT	MAG-PS260 Power Cable, Spare, Italy
CBL-SPR-PWR-2PRONG-KR	MAG-PS260 Power Cable, Spare, Korea
CBL-SPR-PWR-2PRONG-UK	MAG-PS260 Power Cable, Spare, UK
CBL-SPR-PWR-2PRONG-US	MAG-PS260 Power Cable, Spare, US
MAG-PS661	Spare 560 W AC power supply module for MAG6610
MAG-PS664	Spare 560 W DC power supply module for MAG6610
MAG-RK1U	Replacement rack kit for MAG6610
MAG-HD060	Spare hard drive (in tray) for MAG-SM360 module
MAG-HD361	Spare hard drive (in tray) for MAG-SM361 module
MAG-FT060	Spare fan tray for MAG6610 or MAG6611
BOX-MAG6610	Shipping container (spare) for MAG6610
BOX-MAGSM	Shipping container (spare) for MAG-SMxxx
MAG6610 Next Day Replacement Service Options	
SVC-ND-MAG6610	Next day support for MAG6610 chassis
SVC-ND-MAG-SM160-L	MAG-SM160 support for 50-100 users
SVC-ND-MAG-SM160-M	MAG-SM160 support for 101-250 users
SVC-ND-MAG-SM160-H	MAG-SM160 support for 250+ users
SVC-ND-MAG-SM360-L	MAG-SM360 support for 100-500 users
SVC-ND-MAG-SM360-M	MAG-SM360 support for 501-5,000 users
SVC-ND-MAG-SM360-H	MAG-SM360 support for 5,000+ users
SVC-ND-MAG-SM161-L	MAG-SM161 support for 1-100 users
SVC-ND-MAG-SM161-M	MAG-SM161 support for 101-250 users
SVC-ND-MAG-SM361-L	MAG-SM361 support for 100-500 users
SVC-ND-MAG-SM361-M	MAG-SM361 support for 501-1,000 users

MAG6611 Junos Pulse Gateway

The MAG6611 gateway is designed to enable SSL VPN, UAC, or application acceleration capabilities that meet the most demanding access needs of large enterprise customers.

SALES TIP: Whenever possible, position the MAG6611 chassis over the MAG6610 chassis. This provides more power options, as well as future upgrade potential for only a small amount more.

MAG6611 offers the following:

- 2 U high chassis modular configuration
  - Supports up to four service modules (MAG-SM160 or MAG SM360 for SSL VPN or UAC functionality or MAG-SM161 or MAG-SM361 for application acceleration functionality)
  - Maximum support of up to 40,000 SSL VPN or 60,000 UAC users with four MAG-SM360 modules
  - Application acceleration support for up to 4,000 concurrent users with four MAG-SM361 modules
  - Optional management module available (MAG-CM060)
- Additional power supply available (MAG-PS662) for redundancy
- SSL VPN mode includes Junos Pulse Secure Access Service (SA 7.1 or higher software features)
- UAC mode includes Junos Pulse Access Control Service (UAC 4.1 or higher software features)
- Application acceleration mode includes Junos Pulse Application Acceleration Service (JWOS 6.2 or higher software features)

The MAG-SM160 service module supports up to 1,000 SSL VPN users and up to 5,000 UAC users. The MAG-SM360 service module supports up to 10,000 SSL VPN users and up to 15,000 UAC users. For maximum user support on the MAG6611, four MAG-SM360 modules will support up to 40,000 SSL VPN or 60,000 UAC users.

The MAG-SM161 service module supports application acceleration for up to 250 concurrent users. The MAG-SM361 service module supports application acceleration for up to 1,000 concurrent users. For maximum application acceleration support on MAG6611, four MAG-SM361 modules will support up to 4,000 users.

The MAG-CM060 management module plugs in front of a dedicated reserved slot in the service module. Up to two MAG-CM060 management modules can be installed in two service modules, but only one can be active.

It is important to note that the common access license can be transferred between SSL VPN mode and UAC mode on the MAG-SM160 or MAG-SM360. For example, customers can use a 5,000 user license for SSL VPN on the MAG-SM360 module and then later reapply the same license when the customer wants to enable UAC mode on the MAG-SM360 module.

For the MAG6611, a common access license is required for each MAG-SM160 or MAG-SM360 service module enabled in the chassis.

Here is what is included with the MAG6611 chassis and its service modules:

The MAG6611 chassis includes one power supply (MAG-PS662—redundant option available with the purchase of another MAG-PS662), an appropriate power cord (based on the ship-to address), and a rack mount kit (MAG-RK2U). The photo below shows what the MAG6611 will look like when it's pulled out of the shipping box; this is what it would look like without any of the service modules installed.

The MAG-SM160 includes the primary service module for SSL VPN or UAC use, a hard disk (MAG-HD060—only one supported, no RAID), and 2 fan trays (MAG-FT060). Below is the photo of the MAG-SM160 items that are included in the shipping box.

The MAG-SM360 includes the primary service module for SSL VPN or UAC use, 2 hard disks (MAG-HD060—RAID 1 Mirror), and 2 fan trays (MAG-FT060). Below is the photo of the MAG-SM360 items that are included in the shipping box.

The MAG-SM361 includes the primary service module for application acceleration use, 2 hard disks (MAG-HD361—RAID 1 Mirror), and 2 fan trays (MAG-FT060).

License Availability:

MAG6611 GATEWAY	
Common Access License	Up to 1,000 user license for SSL VPN mode or up to 5,000 user license for UAC mode on MAG-SM160
	Up to 10,000 user license for SSL VPN mode or up to 15,000 user license for UAC mode on MAG-SM360
Application Acceleration License	Application acceleration support for up to 250 concurrent users on MAG-SM161
	Application acceleration support for up to 1,000 concurrent users on MAG-SM361
Secure Meeting	Available
	Up to 100 meeting users on MAG-SM160
	Up to 250 meeting users on MAG-SM360
ICE	Available (full ICE option or 25% burst option)
IF-MAP	Available
RADIUS	Available
Enterprise Licensing	Available
Enhanced Endpoint Security	Available
Premier Java RDP Applet	Available
Patch Remediation	Available

Platform SKUs

SKU	DESCRIPTION
MAG6611 Base System	
MAG6611	MAG6611 Base System
MAG6611 Modules	
MAG-SM160	Service module for MAG6610 or MAG6611 that supports 1,000 SSL VPN or 5,000 UAC users.
MAG-SM360	Service module for MAG6610 or MAG6611 that supports 10,000 SSL VPN or 15,000 UAC users.
MAG-SM161	Service module for MAG6610 or MAG6611 that provides application acceleration for up to 250 concurrent users
MAG-SM361	Service module for MAG6610 or MAG6611 that provides application acceleration for up to 1,000 concurrent users
MAG-CM060	Management module for MAG6610 or MAG6611 (only orderable with at least one service module, and a maximum of two management modules can be ordered per chassis)
MAG6611 Common Access Licenses	
ACCESSX600-ADD-10U	Add 10 simultaneous users to MAG6610
ACCESSX600-ADD-25U	Add 25 simultaneous users to MAG6610
ACCESSX600-ADD-50U	Add 50 simultaneous users to MAG6610
ACCESSX600-ADD-100U	Add 100 simultaneous users to MAG6610
ACCESSX600-ADD-250U	Add 250 simultaneous users to MAG6610
ACCESSX600-ADD-500U	Add 500 simultaneous users to MAG6610
ACCESSX600-ADD-1000U	Add 1,000 simultaneous users to MAG6610 (upper SSL VPN mode limit with MAG-SM160)
ACCESSX600-ADD-2000U	Add 2,000 simultaneous users to MAG6610
ACCESSX600-ADD-2500U	Add 2,500 simultaneous users to MAG6610
ACCESSX600-ADD-5000U	Add 5,000 simultaneous users to MAG6610 (upper UAC mode limit with MAG-SM160)
ACCESSX600-ADD-7500U	Add 7,500 simultaneous users to MAG6610
ACCESSX600-ADD-10KU	Add 10,000 simultaneous users to MAG6610 (upper SSL VPN mode limit with MAG-SM360)
ACCESSX600-ADD-15KU	Add 15,000 simultaneous users to MAG6610 (upper UAC mode limit with MAG-SM360)
MAG6611 Application Acceleration Licenses	
ACCEL-PULSE-25U	Junos Pulse Application Acceleration license for up to 25 concurrent users
ACCEL-PULSE-50U	Junos Pulse Application Acceleration license for up to 50 concurrent users
ACCEL-PULSE-100U	Junos Pulse Application Acceleration license for up to 100 concurrent users
ACCEL-PULSE-250U	Junos Pulse Application Acceleration license for up to 250 concurrent users (upper limit with MAG-SM161)
ACCEL-PULSE-500U	Junos Pulse Application Acceleration license for up to 500 concurrent users
ACCEL-PULSE-1KU	Junos Pulse Application Acceleration license for up to 1,000 concurrent users (upper limit with MAG-SM361)
MAG6611 Feature Licenses	
ACCESSX600-MTG-25U	Add 25 simultaneous Secure Meeting users to X600 Series Appliances
ACCESSX600-MTG-50U	Add 50 simultaneous Secure Meeting users to X600 Series Appliances
ACCESSX600-MTG-100U	Add 100 simultaneous Secure Meeting users to X600 Series Appliances
ACCESSX600-MTG-250U	Add 250 simultaneous Secure Meeting users to X600 Series Appliances
ACCESS-ICE-25PC	In Case of Emergency (ICE) 25%—Burst to 25% of installed license count on X500 or X600 Series Appliances
MAGX600-ICE	In Case of Emergency (ICE) License for X600 Series Appliances
MAGX600-IFMAP	License for IF-MAP server on standalone X600 Series Appliances
MAGX600-RADIUS-SERVER	Add RADIUS Server Feature to X600 Series Appliances
ACCESS-LICENSE-SVR	Enables appliance as a license server
SM160-LICENSE-MBR	Allows leased licensing for MAG-SM160 module
SM360-LICENSE-MBR	Allows leased licensing for MAG-SM360 module

SKU	DESCRIPTION
Subscription Licenses (asterisks noted on these since there are various user and yearly subscription options—see pricelist for specific SKUs)	
ACCESS-PRM-*U-*YR	Patch remediation management for * users for * years
ACCESS-RDP-*U-*YR	RDP Java Applet for * users for * years
ACCESS-EES-*U-*YR	Enhanced Endpoint Security for * users for * years
MAG6610 Accessories	
CBL-SPR-PWR-2PRONG-AU	MAG-PS260 Power Cable, Spare, Australia
CBL-SPR-PWR-2PRONG-CH	MAG-PS260 Power Cable, Spare, Switzerland
CBL-SPR-PWR-2PRONG-CN	MAG-PS260 Power Cable, Spare, China
CBL-SPR-PWR-2PRONG-EU	MAG-PS260 Power Cable, Spare, EU
CBL-SPR-PWR-2PRONG-IT	MAG-PS260 Power Cable, Spare, Italy
CBL-SPR-PWR-2PRONG-KR	MAG-PS260 Power Cable, Spare, Korea
CBL-SPR-PWR-2PRONG-UK	MAG-PS260 Power Cable, Spare, UK
CBL-SPR-PWR-2PRONG-US	MAG-PS260 Power Cable, Spare, US
MAG-PS662	Spare 750 W AC power supply module for MAG6611
MAG-RK2U	Replacement rack kit for MAG6611
MAG-HD060	Spare hard drive (in tray) for MAG-SM360 module
MAG-HD361	Spare hard drive (in tray) for MAG-SM361 module
MAG-FT060	Spare fan tray for MAG6610 or MAG6611
BOX-MAG6611	Shipping container (spare) for MAG6611
BOX-MAGSM	Shipping container (spare) for MAG-SMxxx
MAG6611 Next Day Replacement Service Options	
SVC-ND-MAG6611	Next day support for MAG6611 chassis
SVC-ND-MAG-SM160-L	MAG-SM160 support for 50-100 users
SVC-ND-MAG-SM160-M	MAG-SM160 support for 101-250 users
SVC-ND-MAG-SM160-H	MAG-SM160 support for 250+ users
SVC-ND-MAG-SM360-L	MAG-SM360 support for 100-500 users
SVC-ND-MAG-SM360-M	MAG-SM360 support for 501-5,000 users
SVC-ND-MAG-SM360-H	MAG-SM360 support for 5,000+ users
SVC-ND-MAG-SM161-L	MAG-SM161 support for 1-100 users
SVC-ND-MAG-SM161-M	MAG-SM161 support for 101-250 users
SVC-ND-MAG-SM361-L	MAG-SM361 support for 100-500 users
SVC-ND-MAG-SM361-M	MAG-SM361 support for 501-1,000 users

Section III: Example Configurations

1) MAG2600 for Guest Access with next day service contract:

- 1 x MAG2600
- 1 x MAGX600-GUEST-ACCESS (supports 200 guest users)
- 1 x SVC-COR-MAG2600-GA

2) MAG2600 for 50 SSL VPN users, Secure Meeting support for 25 meeting users, and next day service contract:

- 1 x MAG2600
- 1 x ACCESSX600-ADD-50U
- 1 x ACCESSX600-MTG-25U
- 1 x SVC-ND-MAG2600-L

3) MAG4610 for 500 SSL VPN users, Secure Meeting support for 50 meeting users, 25% burst license option, and next day service contract:

- 1 x MAG4610
- 1 x ACCESSX600-ADD-500U
- 1 x ACCESSX600-MTG-50U
- 1 x ACCESS-ICE-25PC
- 1 x SVC-ND-MAG4610-H

4) MAG4611 for application acceleration for 100 users

- 1 x MAG4611
- 1 x ACCEL-PULSE-100U
- 1 x SVC-ND-MAG4611-L

5) MAG6610 for 1,000 SSL VPN users, 500 UAC users, Secure Meeting support for 100 meeting users, 25% burst license option, and next day service contract:

- 1 x MAG6610
- 2 x MAG-SM160 (one for SSL VPN mode and one for UAC mode)
- 1 x ACCESSX600-ADD-1000U (enabled on first MAG-SM160 for SSL VPN users)
- 1 x ACCESSX600-ADD-500U (enabled on second MAG-SM160 for UAC users)
- 1 x ACCESSX600-MTG-100U
- 1 x ACCESS-ICE-25PC
- 1 x SVC-ND-MAG6610
- 2 x SVC-ND-MAG-SM160-H

6) MAG6610 for 5,000 SSL VPN users, 1,000 UAC users, Secure Meeting support for 250 meeting users, full ICE option, RADIUS license, and next day service contract:

- 1 x MAG6610
- 1 x MAG-SM360 (for SSL VPN mode)
- 1 x MAG-SM160 (for UAC mode)
- 1 x ACCESSX600-ADD-5000U (enabled on MAG-SM360 for SSL VPN users)
- 1 x ACCESSX600-ADD-1000U (enabled on MAG-SM160 for UAC users)
- 1 x ACCESSX600-MTG-250U
- 1 x MAGX600-ICE
- 1 x MAGX600-RADIUS-SERVER
- 1 x SVC-ND-MAG6610
- 1 x SVC-ND-MAG-SM360-M
- 1 x SVC-ND-MAG-SM160-H

7) MAG6611 for 20,000 SSL VPN users, 10,000 UAC users, application acceleration for 1,000 users, Secure Meeting support for 250 meeting users, full ICE option, IF-MAP license, and next day service contract:

- 1 x MAG6611
- 3 x MAG-SM360 (two for SSL VPN mode, one for UAC mode)
- 1 x MAG-SM361 (for application acceleration)
- 3 x ACCESSX600-ADD-10KU (one license enabled on first MAG-SM360 for SSL VPN users, second license enabled on second MAG-SM360 for SSL VPN users, and third license enabled on third MAG-SM360 for UAC users)
- 1 x ACCEL-PULSE-1KU
- 1 x ACCESSX600-MTG-250U
- 2 x MAGX600-ICE
- 1 x MAGX600-IFMAP
- 1 x SVC-ND-MAG6611
- 3 x SVC-ND-MAG-SM360-H
- 1 x SVC-ND-MAG-SM361-M

8) Using ICE licenses in a pure disaster recovery site/scenario with MAG6610:

- 1 x MAG6610
- 1 x MAG-SM360
- 1 x MAGX600-ICE
- 1 x SVC-ND-MAG6610
- 1 x SVC-ND-MAG-SM360-ICE (the –ICE support SKU is only used where there is no user/member license)

8) Enterprise licensing example with MAG6611:

- 2 x MAG6611
- 8 x MAG-SM160 (6 production SSL or UAC modules, 1 primary license server, 1 standby license server)
- 1 x ACCESSX600-ADD-5000U
- 1 x ACCESS-LICENSE-SVR
- 6 x SM160-LICENSE-MBR (for the production SSL/UAC modules)
- 2 x SVC-ND-MAG6611
- 4 x SVC-ND-MAG-SM160-L
- 4 x SVC-ND-MAG-SM160-H

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